



**OFFICE OF THE PRESIDENT**

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August 31, 2007

The Honorable Mark Sanford  
Governor, State of South Carolina  
Post Office Box 12267  
Columbia, South Carolina 29211

Dear Governor Sanford,

Enclosed is the Fiscal Year 2008-09 budget package for the Medical University of South Carolina. Included with this transmittal letter is the executive summary, detailed justifications for operating project requests, detailed justifications for three capital project requests, and the activity priority addendum. We are requesting 120.00 additional FTEs in this package. We are not submitting any proviso changes.

We appreciate this opportunity to submit this request for our agency and your continued support of Higher Education in South Carolina.

Sincerely,

Raymond S. Greenberg. M.D., Ph.D.  
President

## **FISCAL YEAR 2008-09 BUDGET PLAN**

### **I. EXECUTIVE SUMMARY**

#### **A. Agency Section/Code/Name:**

SECTION 17A/H51/MEDICAL UNIVERSITY OF SOUTH CAROLINA

SECTION 17B/H53/CONSORTIUM OF COMM. TEACHING HOSPITALS

#### **B. Statewide Mission:**

The Medical University of South Carolina (MUSC) is a public institution of higher learning the purpose of which is to preserve and optimize human life in South Carolina and beyond. The university provides an environment for learning and discovery through education of health care professionals and biomedical scientists, research in the health sciences and provision of comprehensive health care. The university is committed to fulfilling its responsibilities:

To educate students to become caring, compassionate, ethical, and proficient health care professionals and creative biomedical scientists;

To recruit and develop dedicated, scholarly teachers who inspire their students to life-long learning in the service of human health;

To offer educational opportunities to graduates, faculty and staff, to other biomedical scientists and practicing health professionals, and to the public;

To seek and welcome students, scholars, and staff regardless of gender, race, age, nationality, religion or disability, recognizing the benefits of diversity;

To conduct research in the health sciences, advancing knowledge and encouraging new responses to health care needs;

To provide excellence in patient care, in an environment that is respectful of others, adaptive to change, accountable for outcomes, and attentive to the needs of underserved populations;

To advance economic development by introducing new technology and fostering research links with industry and other academic institutions;

To optimize the use of all resources, including the financial support from the state and revenues generated from research, clinical operations, and philanthropy;

To provide leadership to the state in efforts to promote health and prevent disease;

To serve as a state resource in health policy, education, and related matters for other institutions and the general public.

B. Summary Description of Strategic or Long-Term Goals:

Strategic Goals:

1) Education Goals

- Secure SACS reaffirmation
- Begin implementation of Quality Enhancement Plan focused on interprofessional efforts
- Construct interprofessional clinical simulation laboratory
- Continue construction of Dental School building
- Continue integration of SC College of Pharmacy, including further development of Greenville site

2) Research Goals

- Secure \$200 million in extramural grants
- Submit application for Clinical and Translational Science Award
- Submit Core Grant for Hollings Cancer Center
- Recruit endowed chairs in approved Centers of Economic Excellence
- Complete construction planning for Drug Discovery Building
- Secure funding for additional Centers of Economic Excellence
- Begin implementation of “Light Rail” data transmission capacity with partner institutions
- Continue development of Health Sciences South Carolina and implementation of Duke Endowment grant

3) Clinical Service Goals

- Dedicate Ashley River Tower and begin clinical operations there
- Implement computerized physician order entry and other core clinical information systems
- Continue to grow hospital admissions by 7%
- Continue implementation of geographically distributed ambulatory care
- Continue implementation of initial clinical service lines and add four additional lines
- Continue MUSC Excellence initiative
- Maintain positive operating margin
- Launch marketing/branding campaign

#### 4) University Goals

- Launch public phase of \$300 million fund-raising campaign
- Raise \$65 million in private support
- Continue construction of Bee Street garage
- Maintain positive operating margin
- Redesign website
- Continue MUSC Excellence initiative
- Grow MUSC Foundation total assets to more than \$300 million

D.

| Summary of Operating Budget Priorities for FY 2008-09:  |                                   | FUNDING             |                 |         |       |             | FTEs  |      |        |        |
|---|-----------------------------------|---------------------|-----------------|---------|-------|-------------|-------|------|--------|--------|
|   |                                   | State Non-Recurring | State Recurring | Federal | Other | Total       | State | Fed. | Other  | Total  |
| Priority No.: 1   | Title: SC LightRail               | 0                   | \$1,500,000     | 0       | 0     | \$1,500,000 | 0     | 0    | 0      | 0.00   |
| Strategic Goal No. Referenced in Item C Above (if applicable):<br>Activity Number & Name: New |                                   |                     |                 |         |       |             |       |      |        |        |
| Priority No.: 2   | Title: New Faculty and Staff FTEs | 0                   | 0               | 0       | 0     | \$ 0        | 10.00 | .5   | 109.5  | 120.00 |
| Strategic Goal No. Referenced in Item C Above (if applicable):<br>Activity Number & Name: New |                                   |                     |                 |         |       |             |       |      |        |        |
| Priority No.:   | Title:                            | 0                   | 0               | 0       | 0     | \$ 0        | 0     | 0    | 0      | 0.00   |
| Strategic Goal No. Referenced in Item C Above (if applicable):<br>Activity Number & Name:     |                                   |                     |                 |         |       |             |       |      |        |        |
| TOTAL OF ALL PRIORITIES   |                                   | \$ 0                | \$1,500,000     | \$ 0    | \$ 0  | \$1,500,000 | 10.00 | 0.50 | 109.50 | 120.00 |

\* In addition, MUSC supports the operating budget priorities submitted by CHE on behalf of the Higher Education Institutions.

|  |                |               |                |
|--|----------------|---------------|----------------|
| E. Agency Recurring Base Appropriation:: | H51            | H53           | Total          |
| State                                    | \$ 89,481,897  | \$ 15,392,828 | \$ 104,874,725 |
| Federal                                  | \$ 145,000,000 | \$ 2,439,302  | \$ 147,439,302 |
| Other                                    | \$ 308,174,827 | \$ 1,200,000  | \$ 309,374,827 |

F. Efficiency Measures:

G.

| Summary of Capital Budget Priorities:  |   |                      | Additional<br>State Funds | Previously<br>Authorized State<br>Funds | Total Other<br>Fund Sources | Project Total |
|--|---|----------------------|---------------------------|---|-----------------------------|---------------|
| Priority No.:<br>1                     | <u>Project Name:</u> College of Dental<br>Medicine Building Construction<br>Activity Number & Name: 577,<br>Instruction: College of Dental<br>Medicine Construction | Project No*:<br>9732 | \$30,000,000              | \$20,800,000                            | \$10,200,000                | \$61,000,000  |
| Priority No.:<br>2                     | <u>Project Name:</u> Deferred<br>Maintenance 2008-2009<br>Activity Number & Name: 591,<br>Operations & Maint of Plant   | Project No*:         | \$18,963,000              | 0                                       | 0                           | \$18,963,000  |
| Priority No.:<br>3                     | <u>Project Name:</u> College of<br>Pharmacy Building Construction<br>Activity Number & Name: 574,<br>Instruction: College of Pharmacy                               | Project No*:         | \$33,000,000              | 0                                       | 0                           | \$33,000,000  |
| TOTAL OF ALL CAPITAL BUDGET PRIORITIES |   |                      | \$81,963,000              | \$20,800,000                            | \$10,200,000                | \$112,963,000 |

\* If applicable

H. Number of Proviso Changes: Not applicable, no proviso changes being requested.

I. Signature/Agency Contacts/Telephone Numbers:

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Agency Head

Agency Contacts:

Susan F. Edwards, CPA  
Budget and Analysis Director  
19 Hagood Avenue, Suite 408  
P.O. Box 250816  
Charleston, South Carolina 29425  
(843) 792-2853

Patrick J. Wamsley, CPA  
Chief Financial Officer  
19 Hagood Avenue, Suite 408  
P.O. Box 250815  
Charleston, South Carolina 29425  
(843) 792-8908

## II. DETAILED JUSTIFICATION FOR FY 2008-09 OPERATING BUDGET PRIORITIES

A. Agency Section/Code/Name: Section 17A/H51/Medical University of South Carolina and Section 17B/H53/Consortium of Comm. Teaching Hospitals

B. Priority No. 1 of 2

C. (1) Title: SC LightRail (SCLR)

(2) Summary Description:

SCLR is a collaborative project between the Medical University of South Carolina, Clemson University, the University of South Carolina, and the Health Sciences South Carolina (HSSC) partners (Palmetto Health, Greenville Hospital System, Spartanburg Regional Healthcare System). A major objective is to interconnect universities, research institutions and HSSC partners to enhance collaboration in support of instruction, research, health sciences and public service.

(3) Strategic Goal/Action Plan (*if applicable*):

The SCLR will provide a premier research network and enhance distance and distributed learning and educational programs for the citizens of the state. By strengthening the scientific and technical capabilities of South Carolina and its higher education institutions, we will increase our competitive advantage for economic development and increase the ability of the state to attract corporate partners. This network will be attractive to major IT and communications industry as well as major research corporations. This project has been endorsed by the South Carolina Research Centers for Economic Excellence Board and has been defined as critical to the continued collaborative successes of the three research universities.

D. Budget Program Number and Name: Agency wide

E. Agency Activity Number and Name: New

F. Detailed Justification for Funding

(1) Justification for Funding Increase:

To stimulate economic development, enable greater instructional and research collaboration, support research and economic development initiatives in all academic colleges, and among the research universities, improve the quality of healthcare education, prevention, and treatment. This is a statewide initiative dedicated to research, education and health sciences with MUSC, Clemson, and USC, and in leadership roles. This project has been identified as critical to the continued success of the state's endowed chairs program by a team of outside experts as part of the outside review process required by this program. The Research Centers of Economic Excellence Board has recognized this project as an essential investment and encouraged the three research universities to seek state funding for this project.

(2)

| <b>FY 2008-09 Cost Estimates:</b>   | <b>State<br/>Non-Recurring<br/>Funds</b> | <b>State<br/>Recurring<br/>Funds</b> | <b>Federal</b> | <b>Other</b> | <b>Total</b> |
|---|--|--------------------------------------|----------------|--------------|--------------|
| <b>Personnel:</b>   |  |                                      |                |              |              |
| (a) Number of FTEs*   |  |                                      |                |              | 0.00         |
| (b) Personal Service  |  |                                      |                |              | \$ 0         |
| (c) Employer Contributions  |  |                                      |                |              | \$ 0         |
|   |  |                                      |                |              |              |
| Program/Case Services   |  |                                      |                |              | \$ 0         |
| Pass-Through Funds  |  |                                      |                |              | \$ 0         |
| Other Operating Expenses  |  | \$1,500,000                          |                |              | \$1,500,000  |
|   |  |                                      |                |              |              |
| <b>Total</b>  | \$ 0                                     | \$1,500,000                          | \$ 0           | \$ 0         | \$1,500,000  |
| <i>* If new FTEs are needed, please complete Section G (Detailed Justification for FTEs) below.</i> |  |                                      |                |              |              |

(3) Base Appropriation:

|         |                |               |                |
|---------|----------------|---------------|----------------|
|         | <b>H51</b>     | <b>H53</b>    | <b>Total</b>   |
| State   | \$ 89,481,897  | \$ 15,392,828 | \$ 104,874,725 |
| Federal | \$ 145,000,000 | \$ 2,439,302  | \$ 147,439,302 |
| Other   | \$ 308,174,827 | \$ 1,200,000  | \$ 309,374,827 |

(4) Is this priority associated with a Capital Budget Priority?       No       If yes, state Capital Budget Priority Number and Project Name: \_\_\_\_\_.

**G. Detailed Justification for FTEs**

(1) Justification for New FTEs

(a) Justification:

(b) Future Impact on Operating Expenses or Facility Requirements:



(2) Position Details:

|                            | State | Federal | Earmarked | Restricted | Total |
|----------------------------|-------|---------|-----------|------------|-------|
| Position Title:            |       |         |           |            |       |
| (a) Number of FTEs         |       |         |           |            | 0.00  |
| (b) Personal Service       |       |         |           |            | \$ 0  |
| (c) Employer Contributions |       |         |           |            | \$ 0  |

(3) FTEs in Program Area per FY 2007-08 Appropriation Act:

State \_\_\_\_\_  
Federal \_\_\_\_\_  
Other \_\_\_\_\_

Agency-wide Vacant FTEs as of July 31, 2007: \_\_\_\_\_

% Vacant \_\_\_\_\_%

H. Other Comments:

The South Carolina Commission on Higher Education has submitted a request on behalf of the three research institutions for \$4.5 million for funding of the SC LightRail.

At completion, SC LightRail will extend throughout the state and link to regional and national networks such as Southern Light Rail (SLR) in Atlanta, National Lambda Rail (NLR), Internet2, the national TeraGrid initiative, and SURAGrid (Southeastern University Research Association grid computing initiative). The initial SC LightRail connections among HSSC partners will serve as a backbone for future links to 2- and 4-year colleges and universities; other state agencies and partners such as ORS and SCRA; federal agencies and partners such as Savannah River National Laboratories and SPAWAR; and appropriate private partners engaged in scientific and clinical research.

## II. DETAILED JUSTIFICATION FOR FY 2008-09 OPERATING BUDGET PRIORITIES

- A. Agency Section/Code/Name: Section 17A/H51/Medical University of South Carolina and Section 17B/H53/Consortium of Comm. Teaching Hospitals
- B. Priority No. 2 of 2
- C. (1) Title: New Faculty and Staff FTEs

(2) Summary Description: 71.0 unclassified and 49.0 unclassified

(3) Strategic Goal/Action Plan (*if applicable*):

D. Budget Program Number and Name: 020000000 – Education and General

E. Agency Activity Number and Name: Agency Wide – Instruction: College of Medicine, 573; Instruction: College of Pharmacy, 574; Instruction: College of Nursing, 575; Instruction: College of Graduate Studies, 576; Instruction: College of Health Professions, 578; Administration, 589

F. Detailed Justification for Funding

(1) Justification for Funding Increase:

No additional funds are being requested. New positions would be funded from departments' operating funds.

(2)

| <b>FY 2008-09 Cost Estimates:</b>  | <b>State<br/>Non-Recurring<br/>Funds</b> | <b>State<br/>Recurring<br/>Funds</b> | <b>Federal</b> | <b>Other</b> | <b>Total</b> |
|--|--|--------------------------------------|----------------|--------------|--------------|
| <b>Personnel:</b>  |  |                                      |                |              |              |
| (a) Number of FTEs*  |  | 10.0                                 | .50            | 109.5        | 120.00       |
| (b) Personal Service   |  |                                      |                |              | \$ 0         |
| (c) Employer Contributions   |  |                                      |                |              | \$ 0         |
|  |  |                                      |                |              |              |
| Program/Case Services  |  |                                      |                |              | \$ 0         |
| Pass-Through Funds   |  |                                      |                |              | \$ 0         |
| Other Operating Expenses   |  |                                      |                |              | \$ 0         |
|  |  |                                      |                |              |              |
| <b>Total</b>   | \$ 0                                     | \$ 0                                 | \$ 0           | \$ 0         | \$ 0         |
| * If new FTEs are needed, please complete Section G (Detailed Justification for FTEs) below. |  |                                      |                |              |              |

(3) Base Appropriation:

|         |    |
|---------|----|
| State   | \$ |
| Federal | \$ |
| Other   | \$ |

(4) Is this priority associated with a Capital Budget Priority? \_\_\_\_\_ If yes, state Capital Budget Priority Number and Project Name: \_\_\_\_\_.

G. Detailed Justification for FTEs

(2) Justification for New FTEs

- (a) Justification: The new FTEs will support activity in the new hospital, outreach, and new faculty chair initiatives. The FTEs will also support instructional activities, research and will allow MUSC to maintain the current expected level of service. The number of FTEs was determined by surveying the business managers and using projected FTE information submitted during our annual internal Budget Process.

| Title                        | Class Code   | FTEs |
|------------------------------|--------------|------|
| Unclassified:                |              |      |
| Assistant Professor          | UG74         | 60.0 |
| Associate Dean               | UD11         | 2.0  |
| Professor                    | UG76         | 9.0  |
| Classified:                  |              |      |
| Administrative Assistant     | AA75/ Band 4 | 23.5 |
| Administrative Coordinator   | AH10/ Band 5 | 7.0  |
| Administrative Specialist II | AA50/ Band 3 | 1.0  |
| Development Manager II       | CC40/ Band 7 | 1.0  |
| Audits Manager I             | AD15/ Band 7 | 1.0  |
| Data Coordinator II          | AJ18/ Band 4 | .5   |
| Environmental Health Mgr     | JB50/ Band 6 | 1.0  |
| Fiscal Technician II         | AD03/ Band 4 | 1.0  |
| Grants Administrator II      | BE40/ Band 7 | 1.0  |
| Information Tech Mgr II      | AJ12/ Band 8 | 2.0  |
| Law Enforcement Officer I    | JC10/ Band 4 | 5.0  |
| Program Manager I            | AH45/ Band 7 | 1.0  |
| Program Manager II           | AH50/ Band 8 | 4.0  |

(b) Future Impact on Operating Expenses or Facility Requirements:

Anticipate \$7,067,465 increase in salary expense with \$1,978,890 in related fringe benefit; total personnel expense increase of \$9,046,355.

(2) Position Details:

|                                     | State | Federal | Earmarked   | Restricted | Total       |
|-------------------------------------|-------|---------|-------------|------------|-------------|
| Position Title: Assistant Professor |       |         |             |            |             |
| (a) Number of FTEs                  | .00   | .00     | 60.00       | .00        | 60.00       |
| (b) Personal Service                | \$0   | \$0     | \$3,795,000 | \$0        | \$3,795,000 |
| (c) Employer Contributions          | \$0   | \$0     | \$1,062,600 | \$0        | \$1,062,600 |

|  | State    | Federal | Earmarked | Restricted | Total     |
|--|----------|---------|-----------|------------|-----------|
| Position Title: Administrative Assistant |          |         |           |            |           |
| (a) Number of FTEs                       | 2.50     | .00     | 21.00     | .00        | 23.50     |
| (b) Personal Service                     | \$72,500 | \$0     | \$627,500 | \$0        | \$700,000 |
| (c) Employer Contributions               | \$20,300 | \$0     | \$175,700 | \$0        | \$196,000 |

|                            | State     | Federal | Earmarked | Restricted | Total     |
|----------------------------|-----------|---------|-----------|------------|-----------|
| Position Title: Dean       |           |         |           |            |           |
| (a) Number of FTEs         | 1.00      | .00     | .00       | .00        | 1.00      |
| (b) Personal Service       | \$250,000 | \$0     | \$0       | \$0        | \$250,000 |
| (c) Employer Contributions | \$70,000  | \$0     | \$0       | \$0        | \$70,000  |

|                                | State    | Federal | Earmarked | Restricted | Total     |
|--------------------------------|----------|---------|-----------|------------|-----------|
| Position Title: Associate Dean |          |         |           |            |           |
| (a) Number of FTEs             | .50      | .00     | .50       | .00        | 1.00      |
| (b) Personal Service           | \$62,500 | \$0     | \$62,500  | \$0        | \$125,000 |
| (c) Employer Contributions     | \$17,500 | \$0     | \$17,500  | \$0        | \$35,000  |

|   | State    | Federal | Earmarked | Restricted | Total    |
|---|----------|---------|-----------|------------|----------|
| Position Title: Development Coordinator |          |         |           |            |          |
| (a) Number of FTEs                      | .50      | .00     | .50       | .00        | 1.00     |
| (b) Personal Service                    | \$30,000 | \$0     | \$30,000  | \$0        | \$60,000 |
| (c) Employer Contributions              | \$8,400  | \$0     | \$8,400   | \$0        | \$16,800 |

|   | State    | Federal | Earmarked | Restricted | Total    |
|---|----------|---------|-----------|------------|----------|
| Position Title: Director of Communication |          |         |           |            |          |
| (a) Number of FTEs                        | .50      | .00     | .50       | .00        | 1.00     |
| (b) Personal Service                      | \$20,000 | \$0     | \$20,000  | \$0        | \$40,000 |
| (c) Employer Contributions                | \$5,600  | \$0     | \$5,600   | \$0        | \$11,200 |

|  | State | Federal | Earmarked | Restricted | Total    |
|--|-------|---------|-----------|------------|----------|
| Position Title: Administrative Specialist II |       |         |           |            |          |
| (a) Number of FTEs                           | .00   | .00     | 1.00      | .00        | 1.00     |
| (b) Personal Service                         | \$0   | \$0     | \$25,000  | \$0        | \$25,000 |
| (c) Employer Contributions                   | \$0   | \$0     | \$7,000   | \$0        | \$7,000  |

|                            | State     | Federal | Earmarked | Restricted | Total     |
|----------------------------|-----------|---------|-----------|------------|-----------|
| Position Title: Professor  |           |         |           |            |           |
| (a) Number of FTEs         | 1.00      | .00     | 8.00      | .00        | 9.00      |
| (b) Personal Service       | \$100,000 | \$0     | \$800,000 | \$0        | \$900,000 |
| (c) Employer Contributions | \$28,000  | \$0     | \$224,000 | \$0        | \$252,000 |

|                                  | State | Federal  | Earmarked | Restricted | Total    |
|----------------------------------|-------|----------|-----------|------------|----------|
| Position Title: Data Coordinator |       |          |           |            |          |
| (a) Number of FTEs               | .00   | .50      | .00       | .00        | 0.50     |
| (b) Personal Service             | \$0   | \$22,000 | \$0       | \$0        | \$22,000 |
| (c) Employer Contributions       | \$0   | \$6,160  | \$0       | \$0        | \$6,160  |

|                                    | State | Federal | Earmarked | Restricted | Total    |
|------------------------------------|-------|---------|-----------|------------|----------|
| Position Title: Grants Coordinator |       |         |           |            |          |
| (a) Number of FTEs                 | .00   | .00     | 1.00      | .00        | 1.00     |
| (b) Personal Service               | \$0   | \$0     | \$50,000  | \$0        | \$50,000 |
| (c) Employer Contributions         | \$0   | \$0     | \$14,000  | \$0        | \$14,000 |

|                                   | State | Federal | Earmarked | Restricted | Total    |
|-----------------------------------|-------|---------|-----------|------------|----------|
| Position Title: Fiscal Technician |       |         |           |            |          |
| (a) Number of FTEs                | .00   | .00     | 1.00      | .00        | 1.00     |
| (b) Personal Service              | \$0   | \$0     | \$38,000  | \$0        | \$38,000 |
| (c) Employer Contributions        | \$0   | \$0     | \$10,640  | \$0        | \$10,640 |

|                                  | State    | Federal | Earmarked | Restricted | Total    |
|----------------------------------|----------|---------|-----------|------------|----------|
| Position Title: Audits Manager I |          |         |           |            |          |
| (a) Number of FTEs               | .50      | .00     | .50       | .00        | 1.00     |
| (b) Personal Service             | \$32,500 | \$0     | \$32,500  | \$0        | \$65,000 |
| (c) Employer Contributions       | \$9,100  | \$0     | \$9,100   | \$0        | \$18,200 |

|   | State | Federal | Earmarked | Restricted | Total     |
|---|-------|---------|-----------|------------|-----------|
| Position Title: Law Enforcement Officer I |       |         |           |            |           |
| (a) Number of FTEs                        | .00   | .00     | 5.00      | .00        | 5.00      |
| (b) Personal Service                      | \$0   | \$0     | \$167,465 | \$0        | \$167,465 |
| (c) Employer Contributions                | \$0   | \$0     | \$46,890  | \$0        | \$46,890  |

|                            | State     | Federal | Earmarked | Restricted | Total     |
|----------------------------|-----------|---------|-----------|------------|-----------|
| Position Title: IT Manager |           |         |           |            |           |
| (a) Number of FTEs         | 2.00      | .00     | .00       | .00        | 2.00      |
| (b) Personal Service       | \$170,000 | \$0     | \$0       | \$0        | \$170,000 |
| (c) Employer Contributions | \$47,600  | \$0     | \$0       | \$0        | \$47,600  |

|  | State | Federal | Earmarked | Restricted | Total     |
|--|-------|---------|-----------|------------|-----------|
| Position Title: Administrative Coordinator |       |         |           |            |           |
| (a) Number of FTEs                         | .00   | .00     | 5.00      | .00        | 5.00      |
| (b) Personal Service                       | \$0   | \$0     | \$250,000 | \$0        | \$250,000 |
| (c) Employer Contributions                 | \$0   | \$0     | \$70,000  | \$0        | \$70,000  |

|  | State    | Federal | Earmarked | Restricted | Total    |
|--|----------|---------|-----------|------------|----------|
| Position Title: Environmental Health Manager |          |         |           |            |          |
| (a) Number of FTEs                           | .50      | .00     | .50       | .00        | 1.00     |
| (b) Personal Service                         | \$25,000 | \$0     | \$25,000  | \$0        | \$50,000 |
| (c) Employer Contributions                   | \$7,000  | \$0     | \$7,000   | \$0        | \$14,000 |

|                                 | State | Federal | Earmarked | Restricted | Total     |
|---------------------------------|-------|---------|-----------|------------|-----------|
| Position Title: Program Manager |       |         |           |            |           |
| (a) Number of FTEs              | .00   | .00     | 4.00      | .00        | 4.00      |
| (b) Personal Service            | \$0   | \$0     | \$300,000 | \$0        | \$300,000 |
| (c) Employer Contributions      | \$0   | \$0     | \$84,000  | \$0        | \$84,000  |

|                                 | State    | Federal | Earmarked | Restricted | Total    |
|---------------------------------|----------|---------|-----------|------------|----------|
| Position Title: Project Analyst |          |         |           |            |          |
| (a) Number of FTEs              | 1.00     | .00     | 1.00      | .00        | 2.00     |
| (b) Personal Service            | \$30,000 | \$0     | \$30,000  | \$0        | \$60,000 |
| (c) Employer Contributions      | \$8,400  | \$0     | \$8,400   | \$0        | \$16,800 |

|  |          |       |          |
|--|----------|-------|----------|
| (3) FTEs in Program Area per FY 2007-08 Appropriation Act: | H51      | H53   | Total    |
| State  | 1,280.69 | 23.77 | 1,304.46 |
| Federal  | 361.94   | 1.75  | 363.69   |
| Other  | 1,234.54 | .80   | 1,235.34 |

Agency-wide Vacant FTEs as of July 31, 2007: 4.54 % Vacant (of the 132 (4.54%) vacancies 122 are being recruited)

H. Other Comments:

### III. DETAILED JUSTIFICATION FOR CAPITAL BUDGET PRIORITIES

- A. Agency Section/Code/Name: Section 17A /H51/Medical University of South Carolina
- B. Priority No.   1   of   3
- C. Strategic Goal/Action Plan (*if applicable*): Not applicable
- D. Project Name and Number (*if applicable*): College of Dental Medicine Building Construction – Project #9732
- E. Agency Activity: 577, Instruction: College of Dental Medicine
- F. Description of Priority: The Medical University is requesting funds to construct a new building to house clinical and research activities of the College of Dental Medicine, the State's only dental school. This new facility is one of the major recommendations contained in the University's master plan, Vision 2020, the Medical University of South Carolina Campus-Wide Facilities Master Plan, Perkins & Will/Ayers Saint Gross, 1999. Conceptual planning and space programming were completed in a separately commissioned study in early 1999. This Planning Study, College of Dental Medicine, Medical University of South Carolina, HOK Architects, Inc, March 1999, report established a need for 121,600 gross square feet of instructional, clinical and research space to adequately meet the needs of this College. Space standards as well as aspirant peer comparative analysis were used to arrive at this amount of space.

Current plans call for the construction of a new building of 107,000 gross square feet. This new facility will house only the clinical and research activities of the College. The new building will consist of a lobby-reception area, cashier, clinical records, clinical practice and teaching areas, operating suites, central sterilization, supplies/dispensing, maintenance shop, and mechanical/electrical areas. The College will continue to maintain faculty and administrative support offices, student services areas, and general lecture halls in its existing space within the Basic Science Building.

#### G. Detailed Justification for Funding:

- (1) Justification for Funding Priority: (a) The Basic Science Building in which the College of Dental Medicine is housed is over 37 years old. The building's infrastructure is worn out. Deferred maintenance in this facility is a major consideration. Two separate studies by external architects and engineers (Vision 2020 and the Planning Study cited above) concluded that the most economical solution to the space problem of this College is to construct a new clinical and research building. So much has changed in the practice and teaching of dentistry, not to mention a recent emphasis on research, that the present building is not suitable for today's methods and



standards for teaching students clinical dentistry. The project received \$6.3 million as part of the 2000-2001 Bond Bill, \$7 million from the 2006 General Assembly, and just recently \$7.5 million was received in FY07 State funds. An additional \$30 million is being requested in State funding. The University also has more than \$10.2 million in private funds pledged.

The University commissioned a study of the Basic Science Building's condition and cost estimates to remedy all major infrastructure deficiencies and deferred maintenance in 1996. That study, Facility Assessment Basic Science Building, HOK Architects, Inc., 1996 concluded the building was in need of a \$29.7 million investment. More recent studies undertaken during the master planning process confirmed major deferred maintenance problems. The decision to construct a new facility to house the College of Dental Medicine rests on the following: even with total renovation, the College of Dental Medicine's current space is insufficient to meet even its current needs; there is no displacement space available to accommodate a renovation in-place; a renovation schedule would be very disruptive and lengthy; research space needs could not be provided; and finally, given current code requirements, the number of operatories would have to be reduced and likely limit and reduce class size.

Vision 2020, in addition to addressing deferred maintenance, also assessed the functionality or suitability of major buildings given their present uses. The Basic Science Building received a score of approximately 50 on a 100-point scale. This attests to the unsuitable nature of the Building for dental education, practice and research. Many factors affect the usefulness of the present facility. These changes include:

- infection control guidelines by OSHA that have dramatically altered how we manage instruments and delivery of dental services;
- growth in the residency programs from one program with four residents, to four programs with 26 residents;
- changes in our educational models which introduce students to clinical education earlier requiring more clinical space;
- loss of space through the years to basic science expansion;
- increased emphasis on research that requires clinical as well as laboratory space and equipment;
- competition with other 'sister' schools;
- accreditation mandates to improve facilities (both from the Southern Association of Colleges and Schools, and the Commission on Dental Accreditation of the American Dental Association);
- esthetic considerations to improve the 'patient friendly' atmosphere in a 37 year old building;

- inadequate ‘swing space’ to allow for the renovation of the present facility without lengthy interruptions to the patient care and the education of our students;
- innovations in dentistry which require training, equipment and space for the following: increased demand for esthetic services; implants; lasers; air abrasives; digitized radiography; computerization; and laboratory simulators for pre-clinical studies.

The University is planning to address the deferred maintenance infrastructure needs of the Basic Science Building. The College of Dental Medicine’s portion of the Building ultimately will be abated of ACMs, the infrastructure replaced, and spaces currently occupied by the College will be refurbished.

A phased renovation of the portion of this building that houses the College was studied by two (2) separate teams of external architects and concluded it is simply not feasible. It becomes more costly to renovate than build new clinical and research activity space, even if there were a sufficient quantity of space. A lease purchase of a new facility was also considered. It also was rejected for several reasons including cost. The only option available to the University is to construct a new clinical and research building suited to the space needs of this College, to teach dental medicine as it is practiced today.

**(b)** This project is for the construction of a new, “stand alone” College of Dental Medicine Building and does not compare with, expand, or complement any other existing project. **(c)** This project is considered a high priority for the reasons explained under “a” above. **(d)** The University initiated a major campaign to raise private funds towards the cost of this project, of which more than \$10.2 million is pledged towards the construction of a new College of Dental Medicine Building. State funding for this project is crucial. **(e)** Both the Southern Association of Colleges and Schools, and the Commission on Dental Accreditation of the American Dental Association, have set forth mandates to improve our College of Dental Medicine facilities. The construction of a new College of Dental Medicine Building is the best alternative for reasons stated in “a” above. **(f)** The College of Dental Medicine Building Construction project was included in MUSC’s 2007 Comprehensive Permanent Improvement Plan (CPIP) as Priority Number 1 of 3.

(2)

| <b>Total Project Cost Estimates:</b> | <b>Additional State Funds</b> | <b>Previously Authorized State Funds</b> | <b>Total Other Fund Sources</b> | <b>Project Total</b> |
|--------------------------------------|-------------------------------|--|---------------------------------|----------------------|
| Total Project Cost*                  | \$30,000,000                  | \$20,800,000                             | \$10,200,000                    | \$61,000,000         |

*\* If additional annual operating costs from any source of funding are anticipated upon project completion please complete Sections H and I (Justification for Additional Future Annual Operating Costs) below.*

**[NOTE: The total project cost of \$61,000,000 represents an increase from the 2007 CPIP proposed project cost of \$51,000,000. This difference is due to the increase in construction costs, equipment estimates, and actual costs.]**

H. Justification for First Year Additional Future Annual Operating Costs:

(1) Will additional annual operating costs be absorbed into your existing budget? NO

If not, will additional state funds be needed in the future? YES

If state funds will not be needed in the future, explain the source(s) that will be used. N/A

(2) First Fiscal Year Additional Annual Operating Costs Are Anticipated: FY 2009 Will this fiscal year require a partial or full year's operating funds? FULL If a partial year's funds are required, what portion of the year does it cover? N/A

(3)

| <b>Additional Annual Operating Cost Details:</b> | <b>State Non-Recurring</b> | <b>State Recurring</b> | <b>Federal</b> | <b>Other</b> | <b>Total</b>          |
|--|----------------------------|------------------------|----------------|--------------|-----------------------|
| <b>Total Costs:</b>                              |                            |                        |                |              |                       |
| (a) Number of FTEs                               |                            | 8                      |                |              | 8                     |
| (b) Total Personnel Costs                        |                            | \$714,000*             |                |              | \$714,000*            |
| (c) Furniture/Equipment                          |                            | \$ 0                   |                |              | \$ 0                  |
| (d) Other Operating Costs                        |                            | \$486,000**            |                |              | \$486,000**           |
| <b>Total</b>                                     | <b>\$ 0</b>                | <b>\$1,200,000***</b>  | <b>\$ 0</b>    | <b>\$ 0</b>  | <b>\$1,200,000***</b> |

\* **Includes estimated maintenance costs.**

\*\* **Includes utility costs.**

\*\*\* **Funding source will be a portion of MRR calculation.**

I. Justification for First Full Year Additional Future Annual Operating Costs *(If Section H above represents a full year's operating funds, do not complete this section.)*

(1) Will additional annual operating costs be absorbed into your existing budget? N/A

If not, will additional state funds be needed in the future? N/A

If state funds will not be needed in the future, explain the source(s) that will be used. N/A

(2) First Full Fiscal Year Additional Annual Operating Costs Are Anticipated: N/A

(3)

| <b>Additional Annual Operating Cost Details:</b> | <b>State Non-Recurring</b> | <b>State Recurring</b> | <b>Federal</b> | <b>Other</b> | <b>Total</b> |
|--|----------------------------|------------------------|----------------|--------------|--------------|
| <b>Total Costs:</b>                              |                            |                        |                |              |              |
| (a) Number of FTEs                               |                            |                        |                |              |              |
| (b) Total Personnel Costs                        |                            |                        |                |              |              |
| (c) Furniture/Equipment                          |                            |                        |                |              |              |
| (d) Other Operating Costs                        |                            |                        |                |              |              |
| <b>Total</b>                                     | \$ 0                       | \$ 0                   | \$ 0           | \$ 0         | \$ 0         |

J. Other Comments:

### III. DETAILED JUSTIFICATION FOR CAPITAL BUDGET PRIORITIES

A. Agency Section/Code/Name: Section 17A/H51 Medical University of South Carolina

B. Priority No. 2 of 3

C. Strategic Goal/Action Plan (*if applicable*): Not applicable

D. Project Name and Number (*if applicable*): Deferred Maintenance 2008-2009

E. Agency Activity: 591, Operations & Maint of Plant

F. Description of Priority: The following proposed campus-wide projects (totaling \$18,963,000) will be addressed:

- (1) Pubic Safety Building Communications Relocation \$ 162,000  
This project is necessary to protect campus security communications during hazardous weather flood conditions.
- (2) Paint Shop Roof Replacement \$ 12,000  
This roof is well past its expected life expectancy and has severe leakage problems affecting the operations of the

occupants.

- (3) CSB Relocation of Fuel Pumps, Extend Tank Vents & Seal Fill Caps                      \$ 240,000  
This project will relocate the generator fuel pumps, and extend the tank vents above the flood plain. The fill caps which will remain below flood level will be sealed.
- (4) Walton Research Building Roof Replacement    \$ 265,000  
The roof is leaking and needs to be replaced. This 1960 vintage hot tar built-up roof is 27 years beyond its expected useful life of 20 years.
- (5) Quad F Building Cooling Tower #2 Replacement    \$ 190,000  
Installed in 1985, this cooling tower is 7 years beyond its expected useful life of 15 years.
- (6) CSB Air Handler #1 Replacement    \$ 642,000  
This 1972 vintage air handler is 15 years beyond its expected service life of 20 years, and can no longer provide adequate temperature and humidity control.
- (7) CSB Air Handler #2 Replacement    \$ 642,000  
This 1972 vintage air handler is 15 years beyond its expected service life of 20 years, and can no longer provide adequate temperature and humidity control.
- (8) CSB Air Handler #3 Replacement    \$ 642,000  
This 1972 vintage air handler is 15 years beyond its expected service life of 20 years, and can no longer provide adequate temperature and humidity control.
- (9) CSB Air Handler #4 Replacement    \$ 642,000  
This 1972 vintage air handler is 15 years beyond its expected service life of 20 years, and can no longer provide adequate temperature and humidity control.
- (10) CSB 1<sup>st</sup> Floor AC/AH (Trane) Replacement    \$ 642,000  
This 1972 vintage air handler is 15 years beyond its expected service life of 20 years, and can no longer provide adequate temperature and humidity control.
- (11) CSB Chiller #1 Replacement    \$ 642,000  
This 1972 vintage chiller is 15 years beyond its expected service life of 20 years.
- (12) CSB Chiller #2 Replacement    \$ 642,000  
This 1972 vintage chiller is 15 years beyond its expected service life of 20 years.

- (13) CSB 1<sup>st</sup> Floor AC/AH Replacement \$ 645,000  
This 1976 vintage air handler is 11 years beyond its expected service life of 20 years, and can no longer provide adequate temperature and humidity control.
- (14) CSB Air Handler #7 Replacement \$ 645,000  
This 1976 vintage air handler is 11 years beyond its expected service life of 20 years, and can no longer provide adequate temperature and humidity control.
- (15) CSB Hot Water Reheat for Floors 6 and 7 \$ 250,000  
This project will provide better temperature and humidity control and will result in improved energy savings.
- (16) CSB Hot Water Reheat for Floors 8 and 9 \$ 500,000  
This project will provide better temperature and humidity control and will result in improved energy savings.
- (17) BSB Vacuum Pump Replacement \$ 100,000  
Existing 1970s vintage pumps are well beyond their useful life span resulting in extensive maintenance issues.
- (18) Psychiatric Institute Rooms Hot Water Reheat Repairs \$ 150,000  
This project will provide better temperature and humidity control.
- (19) BSB Strip and Reseal of West Penthouse Floor \$ 35,000  
The existing floor sealant that separates the mechanical space from the lab floors below is severely deteriorated and cracked, and no longer provides a seal.
- (20) Campus Elevator Upgrade Phase III \$ 3,490,000  
The project will address upgrades or replacement of 23 elevators on campus as follows:  
\* College of Health Professions Bldg. C elevators #42 & #43:  
1975 vintage, obsolete, unreliable, one has been shut down permanently to provide parts to keep the other running.  
\* Rutledge Tower Annex (Central Supply) elevator #109:  
1979 vintage, obsolete, hydraulic freight door does not operate properly and is a safety issue.  
\* Education Center/Library elevators #19 & #20:  
1976 vintage, unreliable, high use elevators, card reader needed for security.  
\* Storm Eye Institute elevators #31 & #32:  
1984 vintage, proprietary elevators, parts and service difficult to get, water damage, high use, serves patients and researchers, unreliable.

- \* Storm Eye Institute elevator #114:  
1984 vintage, proprietary, parts and service difficult to get, high use, serves doctors and staff, unreliable.
- \* Parking Garage II elevators #56 & #57:  
1988 vintage, relay logic old, high use, unreliable.
- \* Psych Hospital elevators #44 & #45:  
1998 vintage elevators, controllers unreliable and difficult to maintain, doors need replacing, high use, load limit issues with large patients.
- \* Psych Hospital elevators #59a, #59b & #59c:  
1993 vintage, old unreliable relay logic, high use.
- \* Hollings Cancer Center elevator #85:  
1993 vintage, serves animal care, high use, heavy wear and tear.
- \* Thurmond/Gazes elevators #96 & #97:  
1996 vintage, high use, serves research, cumulative damage over the years.
- \* F Building elevator #37:  
1952 vintage, obsolete, unreliable.
- \* Parking Garage I elevators #38 & #39:  
1993 vintage, unsupportable.
- \* Vince Moseley Building elevator #64:  
1965 vintage, old, unreliable.
- \* Harborview Office Tower Parking Garage elevator #80:  
1971 vintage, old, high use.

|   |            |
|---|------------|
| (21) College of Nursing Crawl Space Mechanical & Plumbing Repairs | \$ 175,000 |
|---|------------|

The existing piping and HVAC ductwork running in the crawl space of this building is severely corroded and in danger of failure due to moist conditions under the building and lack of a vapor barrier.

|                                 |              |
|---------------------------------|--------------|
| (22) BSB Roof Drain Replacement | \$ 2,000,000 |
|---------------------------------|--------------|

These 37 year old drain lines are deteriorated and need to be replaced.

|                                      |              |
|--------------------------------------|--------------|
| (23) BSB Hot Water Riser Replacement | \$ 1,500,000 |
|--------------------------------------|--------------|

This 37 year old hot water piping has deteriorated and needs to be replaced.

|                                     |            |
|-------------------------------------|------------|
| (24) Baruch Auditorium Front Steps: | \$ 100,000 |
|-------------------------------------|------------|

The entrance steps to this 1941 architecturally significant building have settled and are beginning to break up. This building is in the public eye as it fronts onto the highly-traveled Calhoun Street. This project is needed for safety and public image reasons.

- (25) Campus Horseshoe Walkways and Drainage Repairs \$ 310,000  
There are significant settling and drainage issues associated with the campus horseshoe walkways resulting in unsafe conditions. The walkways need to be replaced and drainage improved.
- (26) Campus-wide Signage Standardization \$ 1,000,000  
New exterior, interior, and parking signage standards will be implemented campus-wide to improve upon wayfinding and campus identity. Focus will first be on priority areas.
- (27) Psychiatric Institute Switchgear Replacement \$ 1,500,000  
The existing switchgear and generators will be relocated out of the flood zone to a higher elevation.
- (28) Thurmond/Gazes Research Building Envelope Repairs for Floors 1 thru 8 \$ 1,200,000  
This project will address the significant exterior waterproofing issues associated with the flashing system on the entire exterior of the building.

G. Detailed Justification for Funding:

- (1) Justification for Funding Priority: (a) The goal of the Medical University is to reduce deferred maintenance to a manageable level which is usually defined as 10% of one's facility replacement value. This will require an annual investment of \$23 million per year over the next 20 years. We address much of our present deferred maintenance on an emergency basis when systems fail. The alternative is to continue to let our deferred maintenance backlog grow until it becomes completely unmanageable. Delays in making this investment will result in the need for increased annual investments over a longer period of time to achieve the same results.
- The purpose of these projects is to address basic facility needs required to provide an acceptable working environment in existing facilities. Executing these projects is essential to avoiding a reduction in our capacity and functionality to address state needs. Alternatives of replacing the facilities through leasing or constructing new would be more expensive and increase the cost of providing service.
  - These projects address maintenance needs that are past due. Further delay in addressing these issues will only end up costing the State more money as these deferred maintenance issues are progressive in nature. The State has not provided capital bond funding to address MUSC deferred maintenance needs for several years. Other sources of funding have had to carry 100% of this burden.



- The facilities affected by executing these deferred maintenance projects are expected to continue to serve the University through the service life of the investment. In each case, executing these projects will result in cost avoidance as the deterioration resulting from postponing maintenance is increasingly progressive in nature. The University master plan, Vision 2020, The Medical University of South Carolina Campus-Wide Facilities Master Plan, Perkins & Will/Ayers Saint Gross, 1999 presents results from a review by 25 external architects and engineers of the condition of all major campus buildings during the fall of 1998. Each major building was assessed with respect to: Life Safety Standards; Standard Building Codes; Life Safety Systems; Design Standards; Accessibility Standards; Elevator Systems; Exterior Wall Systems; Roof Systems; Foundations; Interior Ceilings, Doors, Walls and Floors; Window Systems; Fire Protection Systems; and Mechanical and Electrical Systems. These assessments documented the investment needed to bring the University (excluding the Hospitals) to a like new condition at \$107 million. Today we estimate this amount to be over \$140 million.
- To achieve a recognized acceptable standard facilities condition index of 10% over a 20-year period, the University (exclusive of the Hospitals), would need to invest approximately \$23 million annually. This approach was proposed in the University's master plan, Vision 2020.
- The Medical University is the State's most unique and non-duplicative higher education institution. Many of our programs are the only such programs offered in the State. The elimination or curtailment of these programs would be extremely negative to the health care needs of the State's citizens. Additionally, most of our programs are producing health care professionals for which shortages currently exist in the State. These include, among others: medical doctors, dentists, pharmacists, nurses, physical therapists, physician assistants, nurse mid-wives, nurse anesthetists, and speech audiologists.

**(b)** Because the scope of this project is campus-wide, it has the potential to complement existing projects involving any of the buildings listed above. **(c)** This project is considered a high priority for the reasons explained under "a" above. **(d)** This request is a priority for full funding of the project. **(e)** There are no federal, state, court orders or accrediting body mandates or standards that will need to be met by the project. **(f)** At present, we address much of our deferred maintenance on an emergency basis because the funds simply are not available. The intent of this project is a proactive approach to bring our deferred maintenance situation to a manageable level, thus improving system reliability and reducing emergency replacement costs. **(g)** Deferred Maintenance 2008-2009 project was included in MUSC's 2007 Comprehensive Permanent Improvement Plan (CPIP) as Priority Number 2 of 3.

(2)

| <b>Total Project Cost Estimates:</b> | <b>Additional State Funds</b> | <b>Previously Authorized State Funds</b> | <b>Total Other Fund Sources</b> | <b>Project Total</b> |
|--------------------------------------|-------------------------------|--|---------------------------------|----------------------|
| Total Project Cost*                  | \$18,963,000                  | \$0                                      | \$0                             | \$18,963,000         |

*\*If additional annual operating costs from any source of funding are anticipated upon project completion please complete Sections H and I (Justification for Additional Future Annual Operating Costs) below.*

H. Justification for First Year Additional Future Annual Operating Costs: ***There will be no additional annual operating costs associated with this project.***

(1) Will additional annual operating costs be absorbed into your existing budget? NO

If not, will additional state funds be needed in the future? N/A

If state funds will not be needed in the future, explain the source(s) that will be used? N/A

(2) First Fiscal Year Additional Annual Operating Costs Are Anticipated: NO. Will this fiscal year require a partial or full year's operating funds? N/A. If a partial year's funds are required, what portion of the year does it cover? N/A

(3)

| <b>Additional Annual Operating Cost Details:</b> | <b>State Non-Recurring</b> | <b>State Recurring</b> | <b>Federal</b> | <b>Other</b> | <b>Total</b> |
|--|----------------------------|------------------------|----------------|--------------|--------------|
| <b>Total Costs:</b>                              |                            |                        |                |              |              |
| (a) Number of FTEs                               |                            |                        |                |              |              |
| (b) Total Personnel Costs                        |                            |                        |                |              |              |
| (c) Furniture/Equipment                          |                            |                        |                |              |              |
| (d) Other Operating Costs                        |                            |                        |                |              |              |
| <b>Total</b>                                     | \$ 0                       | \$ 0                   | \$ 0           | \$ 0         | \$ 0         |

I. Justification for First Full Year Additional Future Annual Operating Costs (*If Section H above represents a full year's operating funds, do not complete this section.*)

(1) Will additional annual operating costs be absorbed into your existing budget? N/A

If not, will additional state funds be needed in the future? N/A

If state funds will not be needed in the future, explain the source(s) that will be used. N/A

(2) First Full Fiscal Year Additional Annual Operating Costs Are Anticipated: N/A

(3)

| <b>Additional Annual Operating Cost Details:</b> | <b>State Non-Recurring</b> | <b>State Recurring</b> | <b>Federal</b> | <b>Other</b> | <b>Total</b> |
|--|----------------------------|------------------------|----------------|--------------|--------------|
| <b>Total Costs:</b>                              |                            |                        |                |              |              |
| (a) Number of FTEs                               |                            |                        |                |              |              |
| (b) Total Personnel Costs                        |                            |                        |                |              |              |
| (c) Furniture/Equipment                          |                            |                        |                |              |              |
| (d) Other Operating Costs                        |                            |                        |                |              |              |
| <b>Total</b>                                     | \$ 0                       | \$ 0                   | \$ 0           | \$ 0         | \$ 0         |

J. Other Comments:

### III. DETAILED JUSTIFICATION FOR CAPITAL BUDGET PRIORITIES

A. Agency Section/Code/Name: Section 17A/H51/Medical University of South Carolina

B. Priority No. 3 of 3

C. Strategic Goal/Action Plan (*if applicable*): Not applicable

D. Project Name and Number (*if applicable*): College of Pharmacy Building Construction

E. Agency Activity: 574, College of Pharmacy

F. Description of Priority: This project calls for the construction of a new building to house the academic, clinical, and research needs of the College of Pharmacy. The South Carolina College of Pharmacy was formed in 2004 by the merger of the Colleges of Pharmacy at the University of South Carolina, and the Medical University of South Carolina, to create a state-wide approach to pharmacy education. Further, this consolidation of the two schools requires an increase in size of some lecture rooms and teaching laboratories.

A feasibility study was just recently completed that examined the College's growth, curriculum, and facility space requirements. It was noted that the best site location for this new building would be on the campus G Lot situated northwest to the proposed Drug Discovery Building and directly north of the proposed Bioengineering Building. This project would result in approximately 83,000 gross square feet of space to house most of the College of Pharmacy's academic, research, and clinical needs. This new building for the College will be

comprised of a lobby-reception area, lecture halls and classrooms, teaching laboratories, clinical practice and teaching areas, research labs, administrative/faculty offices and support, building support, as well as much needed student life areas. Additional instructional and research space will be accommodated in the proposed Drug Discovery Building. Approximately 5,000 assignable square feet of offices will need to be retained in existing College space until a future new academic building is constructed in the campus G Lot.

#### G. Detailed Justification for Funding:

- (1) Justification for Funding Priority: (a) The College of Pharmacy is located in portions of Quadrangle Buildings E and F. The former was constructed in 1939 and the latter in 1952. The present physical condition of these buildings is a major weakness. The condition assessment of Buildings E and F conducted during the master planning initiative, Vision 2020, the Medical University of South Carolina Campus-Wide Facilities Master Plan, Perkins & Will/Ayers Saint Gross, 1999, identified these buildings as having a combined total deferred maintenance need of \$5 million. Since then, that deferred maintenance need has increased. The functionality of this same space rated about a 40 on a 100-point scale. The College has never been the recipient of State capital bond funds to address its long-standing space needs. The space it currently uses was reallocated to the College after it was no longer needed by the medical school over 36 years ago. The space was not in good condition then; it is unacceptable today.

The College's 1991, 1999, and 2001 Accreditation Reports of the American Council of Pharmaceutical Education cited the quality and quantity of space as critical problems for the College. This problem was also documented by the Southern Association of Colleges and Schools in its most recent institutional accreditation Report.

A 15-year history of space planning for the needs of this College exists. In a 1992 Master Planning Report, the College's space needs were quantified using national space standards, peer pharmacy school space data, and the draft CHE Space Planning Guidelines for Public Colleges and Universities. The Medical University commissioned a major study of the College of Pharmacy space needs and options for resolution of those needs in 1997. This culminated in a report MUSC, College of Pharmacy, Buildings E and F Feasibility Study, LS3P Associates, 1997. This study again examined the quantity and type of space needed for the functional activities of this College. In arriving at the quantified space needs, this study used national space guidelines, peer pharmacy school data, and the CHE Space Planning Guidelines for Public Colleges and Universities.

During the University's most recent master planning initiative, the space program for this facility was reviewed by Perkins & Will, one of the nation's top five architectural firms. The program was deemed sound. Perkins & Will also reviewed the space program against the CHE Space Planning Guidelines for Public Colleges and Universities. Additional documentation as to the space need and condition of existing spaces is also contained in Vision 2020.

Our most recent space analysis, Medical University of South Carolina 2007 College of Pharmacy Feasibility Study by Ayers Saint Gross, showed that new construction is the preferred alternative for addressing the College of Pharmacy's academic, clinical, and research needs. The study detailed a comprehensive facilities program, site selection, concept design for a new building, and a cost model. The facilities program identified a requirement of approximately 83,000 gross square feet which reflects the current culture

of the College and accommodates the new instructional methodologies defined in the pharmacy merger. Additional instructional and research space would be accommodated in the proposed Drug Discovery Building.

**(b)** This project does not compare with, expand, or complement any other existing project. **(c)** This project is considered a high priority for the reasons explained under “a” above. **(d)** This project is a priority for full funding of the project. **(e)** The College’s 1991, 1999, and 2001 Accreditation Reports of the American Council of Pharmaceutical Education cited the quality and quantity of space as critical problems for the College. This problem was also documented by the Southern Association of Colleges and Schools in its most recent institutional accreditation Report. **(f)** The University does not have the funds to accomplish this work. The construction of a new, code-compliant College of Pharmacy Building with state-of-the art space, is the best alternative for reasons stated in “a” above. **(g)** The College of Pharmacy Building Construction project was included in MUSC’s 2007 Comprehensive Permanent Improvement Plan (CPIP) as Priority Number 3 of 3.

(2)

| <b>Total Project Cost Estimates:</b> | <b>Additional State Funds</b> | <b>Previously Authorized State Funds</b> | <b>Total Other Fund Sources</b> | <b>Project Total</b> |
|--------------------------------------|-------------------------------|--|---------------------------------|----------------------|
| Total Project Cost*                  | \$33,000,000                  | \$0                                      | \$0                             | \$33,000,000         |

*\* If additional annual operating costs from any source of funding are anticipated upon project completion please complete Sections H and I (Justification for Additional Future Annual Operating Costs) below.*

#### H. Justification for First Year Additional Future Annual Operating Costs:

- (1) Will additional annual operating costs be absorbed into your existing budget? NO  
 If not, will additional state funds be needed in the future? YES  
 If state funds will not be needed in the future, explain the source(s) that will be used? N/A
- (2) First Fiscal Year Additional Annual Operating Costs Are Anticipated: FY2009 Will this fiscal year require a partial or full year’s operating funds? FULL If a partial year’s funds are required, what portion of the year does it cover? N/A

(3)

| <b>Additional Annual Operating Cost Details:</b> | <b>State Non-Recurring</b> | <b>State Recurring</b> | <b>Federal</b> | <b>Other</b> | <b>Total</b> |
|--|----------------------------|------------------------|----------------|--------------|--------------|
| <b>Total Costs:</b>                              |                            |                        |                |              |              |
| (a) Number of FTEs                               |                            | 10                     |                |              | 10           |
| (b) Total Personnel Costs                        |                            | \$893,000*             |                |              | \$893,000*   |
| (c) Furniture/Equipment                          |                            | \$ 0                   |                |              | \$ 0         |
| (d) Other Operating Costs                        |                            | \$607,000**            |                |              | \$607,000**  |

|              |      |                |      |      |                |
|--------------|------|----------------|------|------|----------------|
| <b>Total</b> | \$ 0 | \$1,500,000*** | \$ 0 | \$ 0 | \$1,500,000*** |
|--------------|------|----------------|------|------|----------------|

\* **Includes estimated maintenance costs.**

\*\* **Includes utility costs.**

\*\*\* **Funding source will be a portion of MRR calculation.**

I. Justification for First Full Year Additional Future Annual Operating Costs *(If Section H above represents a full year's operating funds, do not complete this section.)*

(1) Will additional annual operating costs be absorbed into your existing budget? N/A

If not, will additional state funds be needed in the future? N/A

If state funds will not be needed in the future, explain the source(s) that will be used. N/A

(2) First Full Fiscal Year Additional Annual Operating Costs Are Anticipated: N/A

(3)

| <b>Additional Annual Operating Cost Details:</b> | <b>State Non-Recurring</b> | <b>State Recurring</b> | <b>Federal</b> | <b>Other</b> | <b>Total</b> |
|--|----------------------------|------------------------|----------------|--------------|--------------|
| <b>Total Costs:</b>                              |                            |                        |                |              |              |
| (a) Number of FTEs                               |                            |                        |                |              |              |
| (b) Total Personnel Costs                        |                            |                        |                |              |              |
| (c) Furniture/Equipment                          |                            |                        |                |              |              |
| (d) Other Operating Costs                        |                            |                        |                |              |              |
| <b>Total</b>                                     | \$ 0                       | \$ 0                   | \$ 0           | \$ 0         | \$ 0         |

J. Other Comments:

## FY 2008-09 ACTIVITY PRIORITY ADDENDUM

## I. PRIORITY ASSESSMENT OF ACTIVITIES – HIGHEST PRIORITIES

A. Agency Section/Code/Name:

SECTION 17A/H51/MEDICAL UNIVERSITY OF SOUTH CAROLINA

B. It is a difficult, if not impossible task to identify the highest priority activities of the Medical University of South Carolina since each is important to meeting the mission needs of our students. The elimination of these activities would severely impact our ability to deliver on the expectation of our students. Each activity relates to an important component of our institution and critical to fulfilling the mission of the University

[illegible]

## FY 2008-09 ACTIVITY PRIORITY ADDENDUM

### II. PRIORITY ASSESSMENT OF ACTIVITIES – LOWEST PRIORITIES

**A. Agency Section/Code/Name:**

SECTION 17A/H51/MEDICAL UNIVERSITY OF SOUTH CAROLINA

**B. Agency Activity Number and Name:** N/A

**C. Explanation of Lowest Priority Status:**

It is a difficult, if not impossible task to identify the lowest priority activities of the Medical University of South Carolina since each is important to meeting the mission needs of our students. The elimination of these activities would severely impact our ability to deliver on the expectation of our students. Each activity relates to an important component of our institution and critical to fulfilling the mission of the University

**D. Estimate of Savings:**

| Estimate of Savings:       | General | Federal | Supplemental | Capital Reserve | Other | Total |
|----------------------------|---------|---------|--------------|-----------------|-------|-------|
| <b>Personnel:</b>          |         |         |              |                 |       |       |
| (a) Number of FTEs         | 0       | 0       | 0            | 0               | 0     | 0.00  |
| (b) Personal Service       | 0       |         | 0            | 0               | 0     | \$ 0  |
| (c) Employer Contributions | 0       |         | 0            | 0               | 0     | \$ 0  |
|                            |         |         |              |                 |       |       |
| Program/Case Services      | 0       | 0       | 0            | 0               | 0     | \$ 0  |
| Pass-Through Funds         | 0       | 0       | 0            | 0               | 0     | \$ 0  |
| Other Operating Expenses   | 0       | 0       | 0            | 0               | 0     | \$ 0  |
|                            |         |         |              |                 |       |       |
| <b>Total</b>               | \$ 0    | \$ 0    | \$ 0         | \$ 0            | \$ 0  | \$ 0  |

**E. Activity Impact** (*Describe the impact on the activity affected including the impact on customers and clients.*):



F.

[illegible]

## FY 2008-09 ACTIVITY PRIORITY ADDENDUM

## I. PRIORITY ASSESSMENT OF ACTIVITIES – HIGHEST PRIORITIES

A. Agency Section/Code/Name:

## SECTION 17B/H53/CONSORTIUM OF COMM. TEACHING HOSPITALS

B. SC AHEC was established in 1972 to address the health care workforce needs of the state. In FY06, SC AHEC initiated a strategic planning process during which the organization affirmed its commitment to mission essential initiatives. Significant needs continue to exist and projections indicate South Carolina will experience even greater shortages of health care providers in the future in the fields of medicine, dentistry, nursing, pharmacy and the allied health professions. All SC AHEC programs and activities remain mission essential.

[illegible]

## FY 2008-09 ACTIVITY PRIORITY ADDENDUM

### II. PRIORITY ASSESSMENT OF ACTIVITIES – LOWEST PRIORITIES

A. Agency Section/Code/Name:

SECTION 17B/H53/CONSORTIUM OF COMM. TEACHING HOSPITALS

B. Agency Activity Number and Name: N/A

C. Explanation of Lowest Priority Status: SC AHEC was established in 1972 to address the health care workforce needs of the state. From FY2002 to FY2007, SC AHEC's general fund appropriations were reduced by \$4,008,102 or 20%. As a result of these reductions, SC AHEC initiated a strategic planning process during which the organization affirmed its commitment to mission essential initiatives. Significant needs continue to exist and projections indicate South Carolina will experience even greater shortages of health care providers in the future in the fields of medicine, dentistry, nursing, pharmacy and the allied health professions. All SC AHEC programs remain mission essential and therefore, there are no low priority activities.

D. Estimate of Savings:

| Estimate of Savings:       | General | Federal | Supplemental | Capital Reserve | Other | Total |
|----------------------------|---------|---------|--------------|-----------------|-------|-------|
| <b>Personnel:</b>          |         |         |              |                 |       |       |
| (a) Number of FTEs         | 0       | 0       | 0            | 0               | 0     | 0.00  |
| (b) Personal Service       | 0       |         | 0            | 0               | 0     | \$ 0  |
| (c) Employer Contributions | 0       |         | 0            | 0               | 0     | \$ 0  |
|                            |         |         |              |                 |       |       |
| Program/Case Services      | 0       | 0       | 0            | 0               | 0     | \$ 0  |
| Pass-Through Funds         | 0       | 0       | 0            | 0               | 0     | \$ 0  |
| Other Operating Expenses   | 0       | 0       | 0            | 0               | 0     | \$ 0  |
|                            |         |         |              |                 |       |       |
| <b>Total</b>               | \$ 0    | \$ 0    | \$ 0         | \$ 0            | \$ 0  | \$ 0  |

E. Activity Impact (*Describe the impact on the activity affected including the impact on customers and clients.*):

A funding reduction will impact the delivery of services, all of which are designed to increase the quality, quantity and distribution of healthcare professional in our state.

F.

[illegible]